Atty. Docke	t No.	03626.0020-	-01000		Divisional of Applic	cation No	. 09/629,4	421	
Applicant		Steven V. B.	ARANCYK et a	ıl.					
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Examiner Initial*		Document Number	Date	Name			Class	Sub Class	Filing Date If Appropriate
$\leq$	1.	1,873,945	08/23/1932	Kraenzlein	et al.				
	2.	2,584,340	02/05/1952	Goodwin e	t al.				
	3.	2,587,295	02/26/1952	Doyle et al					
	4.	2,860,074	11/11/1958	Hedlund et	al.				<del></del>
	5.	2,901,449	08/25/1959	Schwarz e	al.				
	6.	2,978,437	04/04/1961	Christenso	n				
	7.	3,203,919	08/31/1965	Brachman					
	8.	3,317,460	05/02/1967	Clark		·			
	9.	3,398,174	08/20/1968	Barnes, Jr.					
	10.	3,450,791	06/17/1969	Sekmakas	et al.				
	11.	3,479,328	11/18/1969	Nordstrom					
	12.	3,539,658	11/10/1970	Sekmakas	et al.				· <del></del>
	13.	3,577,263	05/04/1971	Nordstrom					
	14.	3,577,265	05/04/1971	Nordstrom					
	15.	3,627,836	12/14/1971	Getson					
	16.	3,642,936	02/15/1972	Hodge et a	l.				
	17.	3,644,566	02/22/1972	Kincheloe	et al.				
	18.	3,655,602	04/11/1972	Sekmakas					
	19.	3,668,183	06/06/1972	Hoy et al.			<del></del>		
	20.	3,799,854	03/26/1974	Jerabek et	al.				
	21.	3,857,817	12/31/1974	Henshaw e	t al.				
	22.	3,919,315	11/11/1975	Wollweber	et al.				
	23.	3,986,997	10/19/1976	Clark					
	24.	4,001,156	01/04/1977	Bosso et al					
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Applicant		Steven V. B.	ARANCYK et a	ıl					
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Examiner Initial*		Document Number	Date		Name	C	lass	Sub Class	Filing Date If Appropriat
$\swarrow$	25.	4,025,407	05/24/1977	Chang et a	ıl.				
	26.	4,025,456	06/03/1980	Litteral et a	al.				
	27.	4,027,073	05/31/1977	Clark					
	28.	4,046,729	09/06/1977	Scriven et	al.				
	29.	4,089,763	05/16/1978	Dart et al.					
	30.	4,093,673	06/06/1978	Chang et a	l.				
	31.	4,104,240	08/01/1978	Buter			-1-		
	32.	4,147,679	04/03/1979	Scriven et	al.				
	33.	4,177,315	12/04/1979	Ubersax					
	34.	4,211,823	07/08/1980	Suzuki et a	d.			-	
	35.	4,212,901	07/15/1980	van Neerb	os et al.			- <u>-</u>	
	36.	4,220,679	09/02/1980	Blackhouse	9				
	37.	4,221,697	09/09/1980	Osborn et	al.				
	38.	4,239,798	12/16/1980	Schroeter	et al.				
	39.	4,254,185	03/03/1981	Buter					
	40.	4,271,062	06/02/1981	Boomgaard	d et al.				
	41.	4,278,574	07/14/1981	Dworak et	al.				
	42.	4,279,800	07/21/1981	Boomgaard	d et al.				· · · · · · · · · · · · · · · · · · ·
	43.	4,308,060	12/29/1981	Talbot					
	44.	4,310,600	01/12/1982	Cross					
	45.	4,311,622	01/19/1982	Buter					
	46.	4,345,057	08/17/1982	Yamabe et	al.				
	47.	4,348,462	09/07/1982	Chung				<del>.</del>	
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Applicant		Steven V. B	ARANCYK et a	d				
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<u> </u>	48.	4,368,294	01/11/1983	Deubzer e	al. ·			
	49.	4,369,300	01/18/1983	Carter et a	l.			
	50.	4,395,461	07/26/1983	Ching				
	51.	4,403,003	09/06/1983	Blackhouse	9			
7	52.	4,403,093	09/06/1983	Hartman e	t al.			
	53.	4,408,018	10/04/1983	Bartman et	al.			
	54.	4,410,594	10/18/1983	Olson				<u> </u>
	55.	4,413,086	11/01/1983	Chang et a	l.			
	56.	4,418,182	11/29/1983	Chattha				
	57.	4,427,820	01/24/1984	Blackhouse	e et al.			
	58.	4,431,789	02/14/1984	Okazaki et	al.			
	59.	4,456,647	06/26/1984	Schoenfeld	ler et al.			-
	60.	4,465,815	08/14/1984	Chattha				
	61.	4,477,536	10/16/1984	Wright et a	l.			
	62.	4,478,876	10/23/1984	Chung				
	63.	4,481,126	11/06/1984	Trinh et al.				
	64.	4,491,508	01/01/1985	Olson et al				
	65.	4,499,150	02/12/1985	Dowbenko	et al.			
	66.	4,499,151	02/12/1985	Dowbenko	et al.			
	67.	4,512,677	04/23/1985	Trinh				
	68.	4,518,522	05/21/1985	Markusch e	et al.		<del></del>	
	69.	4,520,144	05/28/1985	Noren et al	•			
	70.	4,522,958	06/11/1985	Das et al.				
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	71.	4,526,910	07/02/1985	Das et al.					
	72.	4,563,372	01/07/1986	Kurauchi e	t al.				
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	74.	4,592,816	06/03/1986	Emmons e	t al.				
	75.	4,598,111	07/01/1986	Wright et a	1.				
	76.	4,618,657	10/21/1986	Katchko et	al.				
	77.	4,640,940	02/03/1987	Jacobine e	t al.				
	78.	4,652,470	03/24/1987	Das et al.					
	79.	4,663,377	05/05/1987	Hombach e	et al.	•			·
	80.	4,665,116	05/12/1987	Kornhaber	et al.				
	81.	4,673,718	06/16/1987	Ryntz et al.					
	82.	4,677,004	06/30/1987	Das et al.					
	83.	4,680,204	07/14/1987	Das et al.					
	84.	4,681,811	07/21/1987	Simpson et	al.		f		
	85.	4,689,383	08/25/1987	Riffle et al.	<del></del>	<del></del>			<del></del>
	86.	4,713,410	12/15/1987	Katchko et	al.				
	87.	4,728,543	03/01/1988	Kurauchi et	al.				<del></del>
	88.	4,728,545	03/01/1988	Kurauchi et	al.	<del></del>			
	89.	4,728,690	03/01/1988	Lammerting	ı et al.				
	90.	4,732,790	03/22/1988	Blackburn e	et al.				
	91.	4,754,014	06/28/1988	Ryntz et al.					
	92.	4,764,569	08/16/1988	Umemoto e	t al.				
SK	93.	4,766,185	08/23/1988	Ryntz et al.					····
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×	94.	4,798,746	01/17/1989	Claar et a	al.				
	95.	4,804,732	02/14/1989	Ryntz et	al.				
	96.	4,808,649	02/28/1989	Gay et al					
	97.	4,816,333	03/28/1989	Lange et	al.				
	98.	4,822,828	04/18/1989	Swofford					
	99.	4,835,023	05/30/1989	Taniguch	i et al.			-	
	100.	4,851,294	07/25/1989	Buter et a	ıl.				
	101.	4,870,140	09/26/1989	Ryntz et a	al.	***-			
	102.	4,873,298	10/10/1989	Ryntz et a	al.				
	103.	4,892,906	01/09/1990	Pham et a	al.				
	104.	4,910,097	03/20/1990	Nomura e	et al.				
	105.	4,925,659	-05/15/1990	Grollier et	al.				
	106.	4,927,868	05/22/1990	Schimme	l et al.				
	107.	5,025,054	06/18/1994	Yoshida e	et al.				
	108.	5,035,748	07/30/1991	Burow et	al.				
	109.	5,059,707	10/22/1991	Motegi et	al.				
	110.	5,066,698	11/19/1991	Hazan et	al.				
	111.	5,066,720	11/19/1991	Ohsugi et	al.				
	112.	5,071,904	12/10/1991	Martin et a					
	113.	5,075,165	12/24/1991	Kishi et al			<del></del>		- · · · · · · · · · · · · · · · · · · ·
	114.	5,075,370	12/24/1991	Kubitza et	al.				
	115.	5,084,541	01/28/1992	Jacobs, III	et al.				
	116.	5,085,694	02/04/1992	Cifuentes			———— <del>—</del>		-
	117.	5,086,087	02/04/1992	Misev	-				-
Y/	118.	5,098,947	03/24/1992	Metzger et	t al.			-+	
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Applicant		Steven V. BAF	RANCYK et al.							
Filing Date		August 19, 200	03		Prior Group: 1773					
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V.	119.	5,098,983	03/24/1992	Mosbach	et al.					
	120.	5,102,746	04/07/1992	Shindou	et al.					
	121.	5,104,922	04/14/1992	Chang						
	122.	5,104,929	04/14/1992	Bilkadi						
	123.	5,110,891	05/05/1992	Cifuente	s et al.					
	124.	5,112,403	05/12/1992	Okura et	al.					
	125.	5,114,756	05/19/1992	Mirabeau	ı et al.					
	126.	5,116,418	05/26/1992	Kaliski e	al.					
	127.	5,141,555	08/25/1992	Elepano						
	128.	5,147,730	09/15/1992	Ogishi et	al.					
	129.	5,154,759	10/13/1992	Cifuente	s et al.					
	130.	5,162,420	11/10/1992	Chang e	al.					
	131.	5,174,813	12/29/1992	Cifuente	s et al.					
	132.	5,194,487	03/16/1993	Jacobs						
	133.	5,196,485	03/23/1993	McMonig	al et al.					
	134.	5,212,216	05/18/1993	Hattori e	al.					
	135.	5,212,273	05/18/1993	Das et a	•					
	136.	5,213,846	05/25/1993	Tsuneta	et al.					
	137.	5,235,018	08/10/1993	Potter et	al.					
	138.	5,248,789	09/28/1993	Wolff						
	139.	5,256,452	10/26/1993	McMonig	al et al.					
	140.	5,258,063	11/02/1993	Cifuente	s et al.					
1	141.	5,258,225	11/02/1993	Katsamb	eris					
<u> </u>	142.	5,258,424	11/02/1993	Yagi et a	l					
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Applicant		Steven V. BA	RANCYK et al.						
Filing Date		August 19, 20	03		Prior Group: 1773		·		
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X	143.	5,260,350	11/09/1993	Wright					
	144.	5,260,469	11/09/1993	Swiatek					
	145.	5,268,256	12/07/1993	Goetz et	al.				
	146.	5,286,835	02/15/1994	Green et	al.				
	147.	5,304,400	04/19/1994	Dhein et	al.				
	148.	5,308,494	05/03/1994	Brandon	et al.				
	149.	5,314,947	05/24/1994	Sawaragi					
	150.	5,322,873	06/21/1994	Pohl et al	•				
	151.	5,322,890	06/21/1994	Ando et a	l.				
	152.	5,328,975	07/12/1994	Hanson e	t al.	·			
	153.	5,346,958	09/13/1994	Yukawa e	et al.				
	154.	5,356,669	10/18/1994	Rehfuss	et al.				
	155.	5,359,005	10/25/1994	Kanita et	al.				
	156.	5,367,019	11/22/1994	Sawaragi					
	157.	5,374,685	12/1994	Asanuma	et al.				525/288
	158.	5,378,735	01/03/1995	Hosokawa	a et al.				
	159.	5,387,642	02/07/1995	Blum et a	l.				
	160.	5,389,705	02/14/1995	Huemke e	et al.				
	161.	5,389,718	02/14/1995	Potter et a	al.				
	162.	5,393,823	02/28/1995	Konno et	al.				
	163.	5,395,955	03/07/1995	Okawa et	al.				
	164.	5,397,638	03/14/1995	Miki et al.				***	
	165.	5,426,131	06/20/1995	Katsambe	ris				<del></del>
	166.	5,430,083	07/04/1995	Klier et al.					
	167.	5,432,233	07/11/1995	Miyazoe e	t al.				
	168.	5,438,083	_08/01/1995	Takimoto	et al.			<del></del>	<del></del>
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Applicant		Steven V. BAI	RANCYK et al.						
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<u> </u>	169.	5,439,957	08/08/1995	Takimoto	et al.				
	170.	5,444,104	08/22/1995	Waknine			,		
	171.	5,445,871	08/29/1995	Murase e	et al.				
	172.	5,461,102	10/24/1995	Masuda	et al.				
	173.	5,468,461	11/21/1995	Hosoda e	et al.				
	174.	5,468,802	11/21/1995	Wilt et al.					
	175.	5,470,504	11/28/1995	Kiehn et	al.				
	176.	5,571,297	11/05/1996	Swei et a	l.				
	177.	5,587,428	12/24/1996	Jones et	al.			<del></del>	
	178.	5,589,129	12/31/1996	Kato et a	l.				
	179.	5,593,733	01/14/1997	Mayo					
	180.	5,602,204	02/11/1997	Harimoto	et al.				
,	181.	5,614,640	03/25/1997	Okawa					
	182.	5,641,854	06/24/1997	Jones et	al.				
	183.	5,663,240	09/02/1997	Simeone	et al.				
	184.	5,663,244	02/09/1997	Barancyk	et al.				
	185.	5,686,012	11/11/1997	Hayashi e	et al.		_		
	186.	5,693,723	12/02/1997	Green	······································			<u></u>	
	187.	5,693,724	12/02/1997	Green					
	188.	5,709,950	01/20/1998	Burgman	et al.				
	189.	5,719,234	02/17/1998	Yabuta e	t al.			<del></del>	
	190.	5,730,795	03/1994	Herkimer	et al.			106/446	
	191.	5,756,221	05/26/1998	Horibe et	al.				
	192.	5,786,435	07/28/1998	Marutani	et al.				
	193.	5,780,530	07/14/1998	Mizutani (	et al.				
	194.	5,798,409	08/25/1998	Но					
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$\langle \langle \rangle$	195.	5,800,910	09/01/1998	Harke et	al.				
	196.	5,814,410	09/29/1998	Singer et	al.				
	197.	5,840,806	11/24/1998	Komazal	ki et al.				
	198.	5,853,809	12/29/1998	Campbel	l et al.				
	199.	5,876,806	03/02/1999	Ogawa					
	200.	5,886,082	03/23/1999	Numa et	al.				
	201.	5,914,162	06/22/1999	Bilkadi					
	202.	5,922,475	07/13/1999	Barancyk	et al.				
	203.	5,939,491	08/17/1999	Wilt et al.				-	
	204.	5,942,556	08/24/1999	Friedland	ler et al.				
	205.	5,976,701	11/02/1999	Barancyk	et al.				
	206.	5,998,504	12/07/1999	Groth et	al.				
	207.	5,998,543	12/07/1999	Collins et	al.				
	208.	6,005,045	12/21/1999	Klanica					
	209.	6,013,724	01/11/2000	Mizutani	et al.				
	210.	6,013,733	01/11/2000	Singer et	al.				
	211.	6,022,919	02/08/2000	Komoto e	et al.				
	212.	6,045,870	04/04/2000	Noura et	al.		_		
	213.	6,048,934	04/11/2000	Wilt et al.					
	214.	6,063,438	05/16/2000	Ogawa			$\neg$		
	215.	6,080,816	06/27/2000	Gregorov	ich et al.				
	216.	6,090,873	07/2000	Okibe et	al.				524/265
	217.	6,207,235	03/27/2001	Ohsawa (	et al.				
	218.	6,265,470	07/2001	Nakamur	a et al.				523/456
	219.	6,387,519	05/14/02	Anderson	et al.				
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2	220.	DE-1,193,504	05/26/1965	Germany				Yes	
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Applicant		Steven V. BARAN	CYK et al.							
Filing Date		August 19, 2003			Prior Group: 1773	-				
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Applicant	;	Steven V. BARANO	CYK et al.							
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Applicant	St	even V. BARANCYK et al.							
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